

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------------------------------|------------------|---------|---------------------|
| S1 | 830 | (438/50).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 11:24 |
| S2 | 2206 | (257/e23.02).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 11:24 |
| S3 | 940 | (257/415).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 11:24 |
| S4 | 532 | (257/419).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 11:24 |
| S5 | 6 | ((RYOSUKE) near2 (MESHII)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:24 |
| S6 | 32 | ((KOUJI) near2 (SAKAI)). INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:24 |
| S7 | 5 | ((ATSUSHI) near2 (ISHIGAMI)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:24 |
| S8 | 1 | ((EICHI) near2 (FURUKUBO)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:24 |
| S9 | 29 | ((RYOSUKE) near2 (MESHII)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 11:25 |
| S10 | 40 | ((KOUJI) near2 (SAKAI)). INV. | EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 11:25 |
| S11 | 70 | ((ATSUSHI) near2 (ISHIGAMI)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 11:25 |
| S12 | 0 | ((EICHI) near2 (FURUKUBO)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 11:25 |
| S13 | 11 | anodic same bond\$3 same capacit\$4 same (irradiat\$3 or current or heat\$3) same (cut or dice or slice or separate) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:27 |
| S14 | 44 | ("3288656" "3993939" "4104595" "4392382" "4446447" "4820971" "5453628" "5528452" "5546070" "5596144" "5656781" "5683594" "5706565" "5721162" "5736430" "5895233" "5932809" "5936164" "6074891" "6109113" "6150681" "6326228"). PN. OR ("6465271").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:28 |

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|-----|--------|---|-------------------------------------|-----|-----|---------------------|
| S15 | 58 | anodic same bond\$3 same capacit\$4 and ((irradiat\$3 or current or heat\$3) same (cut or dice or slice or separate)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:28 |
| S16 | 47 | S15 not S13 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:29 |
| S17 | 44 | S1 and short circuit | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:31 |
| S18 | 56 | S1 and ((movable electrode or diaphragm) same (fix\$3 electrode)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:32 |
| S19 | 513 | (voltage or current) near5 cut\$3 near wir\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:33 |
| S20 | 1 | S1 and S19 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:33 |
| S21 | 5 | ((voltage or current) near5 cut\$3 near5 wir\$3) and movable electrode and fix \$4 electrode | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:34 |
| S22 | 1 | ("7291825").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 11:35 |
| S23 | 1 | ("6450031").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 11:35 |
| S24 | 0 | ("6450031 (voltageorcurrent)near5cut \$3near5heat\$3near5wir \$3").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 11:35 |
| S25 | 101 | (voltage or current) near5 cut\$3 near5 heat\$3 near5 wir\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:36 |
| S26 | 286 | equipotential near5 (wir\$3 or bond\$3) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:50 |
| S27 | 18 | S26 and "438".clas. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:50 |
| S28 | 100179 | bond\$4 with area | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:51 |
| S29 | 484402 | "438".clas. or "257".clas. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:51 |
| S30 | 22051 | S28 and S29 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:51 |

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|-----|--------|---|-------------------------------------|-----|-----|---------------------|
| S31 | 6022 | anodic with bond\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:52 |
| S32 | 664 | S30 and S31 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:52 |
| S33 | 150515 | (cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:53 |
| S34 | 24 | S32 and S33 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:53 |
| S35 | 1 | S26 and S34 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 11:54 |
| S36 | 34 | ("3417361" "3697918" "3774834" "3800264" "3820401").PN. OR ("3918019").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:56 |
| S37 | 4 | ("5388460").PN. OR ("6013562").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:56 |
| S38 | 26 | ("3540957" "3783218" "4295115" "4452624" "4481497" "4638552" "5396042" "5406108" "5411919" "5443890" "5493305" "5591679" "5600541" "5611876" "5621837" "5672826" "5755942" "5814883" "5820648" "5866469" "5892279" "6013562" "6091146" "6377461" "6462410").PN. OR ("6809424").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:56 |
| S39 | 31 | ("3397278" "3417459" "3506424" "3589965" "3783218" "3951707" "4294602" "4452624" "4457972" "4643532" "5160560").PN. OR ("5820648").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:56 |
| S40 | 39 | ("5276586" "5296310" "5923084" "6114986" "6281573" "6281575"). PN. OR ("6462410").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 11:56 |
| S41 | 2491 | glass near4 substrate and anodic near4 bond\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 13:27 |
| S42 | 830 | (438/50).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 13:27 |

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| S43 | 50 | S42 and S41 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 13:27 |
| S44 | 18289 | fix\$3 electrode | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 13:34 |
| S45 | 208 | S41 and S44 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 13:34 |
| S46 | 112 | S45 and sensor.ti,ab. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 13:35 |
| S47 | 28710 | laser and ((cut\$4 or dic\$3 or slic\$4 or separate) near5 (wir\$3 or conduct \$4)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:01 |
| S48 | 6858 | laser same ((cut\$4 or dic \$3 or slic\$4 or separate) near5 (wir\$3 or conduct \$4)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:01 |
| S49 | 6 | S41 and S48 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:01 |
| S50 | 379340 | (glass or transparent) near4 substrate | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:02 |
| S51 | 893 | S48 and S50 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:02 |
| S52 | 215 | S51 and "438".clas. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:03 |
| S53 | 4 | S52 and sensor.ti,ab. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:10 |
| S54 | 3 | S52 and anodic near3 bond \$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:12 |
| S55 | 108 | laser same ((cut\$4 or dic \$3 or slic\$4 or separate) with (wir\$3 or conduct\$4) with ((glass or transparent) near3 substrate)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:15 |
| S56 | 20 | S55 and "438".clas. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:15 |
| S57 | 3167 | laser with (through or penetrat\$4) with ((glass or transparent) near3 substrate) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:18 |

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| S58 | 416 | S57 and "438".clas. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:19 |
| S59 | 76 | S57 and sensor.ti,ab. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/01 14:19 |
| S60 | 3169 | laser with (through or penetrat\$4) with ((glass or transparent) near3 substrate) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:30 |
| S61 | 417 | S60 and "438".clas. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:30 |
| S62 | 76 | S60 and sensor.ti,ab. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:30 |
| S63 | 410 | S61 not S62 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:30 |
| S64 | 79 | S63 and ((cut\$4 or dic\$3 or slic\$4 or separate) with (wir\$3 or conduct\$4)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:31 |
| S65 | 26 | S63 and ((cut\$4 or dic\$3 or slic\$4 or separate) with (wire or wiring or conductor)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:32 |
| S66 | 0 | (10/492906).APP. | USPAT; USOCR | ADJ | ON | 2009/06/02 08:35 |
| S67 | 1 | ("2005/0000561").URPN. | USPAT | ADJ | ON | 2009/06/02 08:35 |
| S68 | 20 | ("20010004901" "20020134422" "4239555" "4457578" "4487989" "4625070" "5428249" "5726065" "5972732").PN. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:36 |
| S69 | 9 | ("20010004901" "20020134422" "4239555" "4457578" "4487989" "4625070" "5428249" "5726065" "5972732").PN. | US-PGPUB; USPAT | ADJ | ON | 2009/06/02 08:36 |
| S70 | 4 | S69 and laser | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:38 |
| S71 | 0 | fr01/14017 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/06/02 08:39 |
| S72 | 5460 | anodic near2 bond\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:03 |

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|-----|--------|--|-------------------------------------|-----|-----|---------------------|
| S73 | 6589 | fixed electrode and (mov\$4 or float\$3) electrode | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:03 |
| S74 | 133 | S72 and S73 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:03 |
| S75 | 511429 | (connect\$4 or equipotential) near2 wir\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:12 |
| S76 | 792 | S72 and S75 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:13 |
| S77 | 433092 | electrostatic\$4 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:13 |
| S78 | 294 | S76 and S77 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:13 |
| S79 | 266 | S78 not S74 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:13 |
| S80 | 18 | ("4644798" "5134887" "5195371").PN. OR ("5388460").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/11/18 13:15 |
| S81 | 715 | (438/53).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/18 13:18 |
| S82 | 91 | S72 and S81 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:18 |
| S83 | 85 | S82 not S74 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/11/18 13:43 |
| S84 | 194 | equipotential near4 wir\$4 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:15 |
| S85 | 1 | S84 same reduc\$4 near2 width | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:15 |
| S86 | 1 | S84 same (reduc\$4 near2 width) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:15 |
| S87 | 5355 | anodic near4 bonding | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:16 |
| S88 | 1 | S87 and ((reduc\$4 near2 width) with wir\$3) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:16 |
| S89 | 128 | S87 and ((reduc\$4 near2 width)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:17 |

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|------|---------|--|-------------------------------------|-----|----|---------------------|
| S90 | 156089 | (cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:17 |
| S91 | 143 | S87 and S90 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:18 |
| S92 | 6 | S91 and ((reduc\$4 near2 width)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:18 |
| S93 | 118 | ((cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3) same ((reduc \$4 near2 width)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:23 |
| S94 | 2490 | ((reduc\$4 near2 width) with wir\$3) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:38 |
| S95 | 4948416 | semiconductor or circuit | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:38 |
| S96 | 1669 | S94 and S95 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:38 |
| S97 | 7758 | (reduc\$4 near2 width) with (conductor or electrode or wir\$3 or metal) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:39 |
| S98 | 4536 | S95 and S97 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:39 |
| S99 | 8006707 | (cut\$3 or remov\$3 or slice or separate or dissect) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:39 |
| S100 | 429 | S99 same S97 and S95 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:40 |
| S101 | 2464517 | (cut\$3 or slice) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:43 |
| S102 | 135 | S101 same S97 and S95 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2009/12/12 08:43 |
| S103 | 124 | ((cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3) same ((reduc \$4 near2 width)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:24 |
| S104 | 196 | equipotential near4 wir\$4 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:25 |
| S105 | 6874 | fixed electrode and (mov\$4 or float\$3) electrode | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:25 |

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| S106 | 5817 | anodic near2 bond\$3 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:25 |
| S107 | 142 | S105 and S106 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:25 |
| S108 | 126 | laser same ((cut\$4 or dic \$3 or slic\$4 or separate) with (wir\$3 or conduct\$4) with ((glass or transparent) near3 substrate)) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:26 |
| S109 | 451769 | electrostatic\$4 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:26 |
| S110 | 2282 | S105 and S109 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:26 |
| S111 | 2 | S104 and S110 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:27 |
| S112 | 110 | S106 and S110 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/05/26 14:27 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------|------------------|---------|------------------|
| S113 | 2 | ((RYOSUKE) near2 (MESHII)).INV. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:22 |
| S114 | 16 | ((KOUJI) near2 (SAKAI)). INV. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:23 |
| S115 | 2 | ((ATSUSHI) near2 (ISHIGAMI)).INV. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:23 |
| S116 | 0 | ((EICHI) near2 (FURUKUBO)).INV. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:23 |
| S117 | 71 | ((cut\$3 or remov\$3 or slice or separate or disect) near5 wir\$3) same ((reduc\$4 near2 width)) | USPAT; UPAD | ADJ | ON | 2010/05/26 14:27 |
| S118 | 1612 | fixed electrode and (mov \$4 or float\$3) electrode | USPAT; UPAD | ADJ | ON | 2010/05/26 14:28 |
| S119 | 2728 | anodic near2 bond\$3 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:28 |
| S120 | 68 | S118 and S119 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:28 |

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|------|--------|--|----------------|-----|----|------------------|
| S121 | 39 | laser same ((cut\$4 or dic\$3 or slic\$4 or separate) with (wir\$3 or conduct\$4) with ((glass or transparent) near3 substrate)) | USPAT; UPAD | ADJ | ON | 2010/05/26 14:29 |
| S122 | 158741 | electrostatic\$4 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:29 |
| S123 | 710 | S118 and S122 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:29 |
| S124 | 60 | S119 and S123 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:29 |
| S125 | 514 | (fixed electrode and (mov\$4 or float\$3) electrode). clm. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:29 |
| S126 | 450 | (anodic near2 bond\$3). clm. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:30 |
| S127 | 8458 | ((cut\$3 or remov\$3 or slice or separate or dissect) near5 wir\$3).clm. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:30 |
| S128 | 91381 | laser.clm. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:30 |
| S129 | 248 | S127 and S128 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:30 |
| S130 | 0 | S125 and S129 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:30 |
| S131 | 0 | S126 and S129 | USPAT; UPAD | ADJ | ON | 2010/05/26 14:30 |
| S132 | 51 | S129 and "438".clas. | USPAT; UPAD | ADJ | ON | 2010/05/26 14:31 |

5/26/2010 2:32:51 PM

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